

Converting Colors

Hex(3178CD)

Have a look what the booklet for
Hex(3178CD) contains.

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Color

Hex(3178CD)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 3178CD |
| RGB | 49, 120, 205 |
| RGB Percent | 19%, 47%, 80% |
| CMY | 0.8078, 0.5294, 0.1961 |
| CMYK | 0.76, 0.41, 0.00, 0.20 |
| HSL | 213°, 61%, 50% |
| HSV | 213°, 76%, 80% |
| XYZ | 19.0025, 18.4937, 60.3257 |
| YIQ | 108.4610, -69.6010, 11.3830 |

Conversions

Conversions Part 2

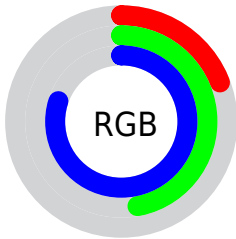
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 49, 98, 205 |
| Decimal | 3242189 |
| CIE _{Lab} | 50.09, 7.50, -50.32 |
| CIE _{LCh} | 50, 50.873, 278.476 |
| Yxy | 18.4937, 0.1943, 0.1891 |
| Android (android.graphics.Color) | 4281432269 (0xFF3178CD) |
| YUV | 108.4610, 47.5937, -52.1473 |
| Hunter-Lab | 43.0043, 3.6173, -53.0680 |

Details

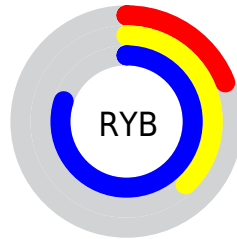
The Hex color **3178CD** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **CD8631**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **74ACFF**, and **004896** is the 20% darker color. If you saturate the color by 10%, you get **1D6DCD**, and if you desaturate by 10%, it is **4683CD**.

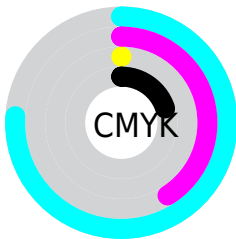
Distribution



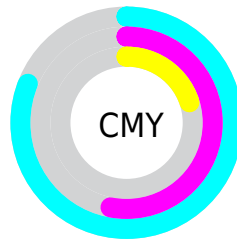
- Red (19%)
- Green (47%)
- Blue (80%)



- Red (19%)
- Yellow (38%)
- Blue (80%)



- Cyan (76%)
- Magenta (41%)
- Yellow (0%)
- Black (20%)



- Cyan (81%)
- Magenta (53%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3178CD changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 3178CD by changing the saturation by 10% instead.

 3178CD

 3178CD

FFFFFF

 0060B1

 74ACFF

 004896

 93C7FF

 00337C

 B1E3FF

 001F62

 CFFFFFF

 00034A


 EDFFFF

 000432

 00021C

 000000

 3178CD

 3178CD

■ 1D6DCD

■ 4683CD

■ 0862CD

■ 5A8ECD

■ 005DCD

■ 6F9ACD

■ 83A5CD

■ 98B0CD

■ ACBBCD

■ C1C6CD

■ D5D1CD

■ EADDCD

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0084C7



3178CD



8966BB

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3178CD



BF5843



008A56

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



3178CD



CD8631

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



54842E



3178CD



A76923

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



3178CD



C64E6D



827917



008C83

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



3178CD



A95AA5



827917



248848

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



3178CD



C4DFFF



31CD84



5C6C80



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



3178CD



1781FF



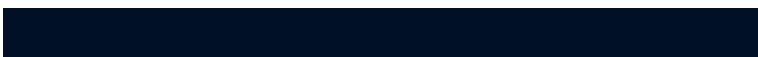
3631CD



5C6066



004BA6



001126

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



CD3178



FF1781



C8CD31



665C60



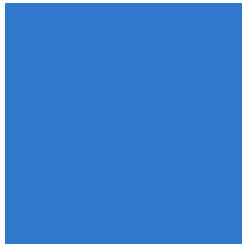
A6004B



260011

Previews

White Background



This preview shows how the Hex color 3178CD looks on a white background.

Color Contrast Check

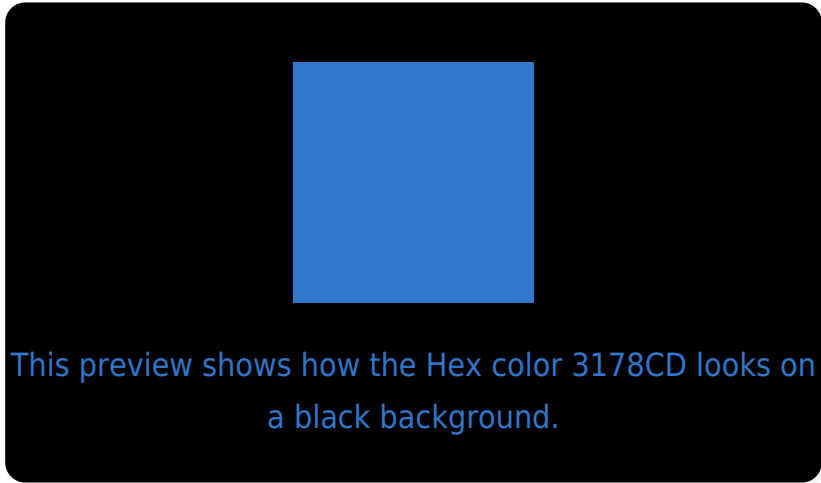
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

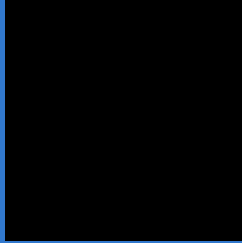
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

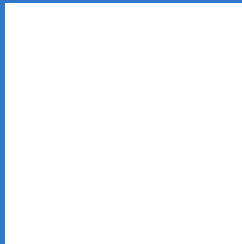
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3178CD Background



This preview shows how black text looks on a background with the Hex color 3178CD.

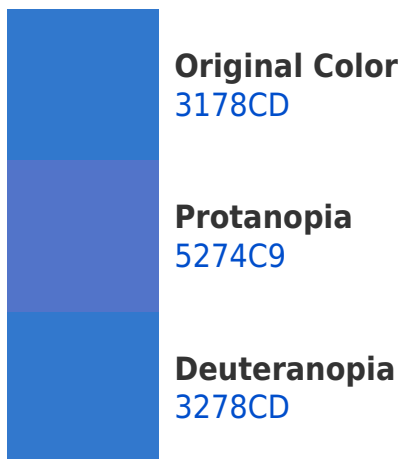


This preview shows how white text looks on a background with the Hex color 3178CD.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

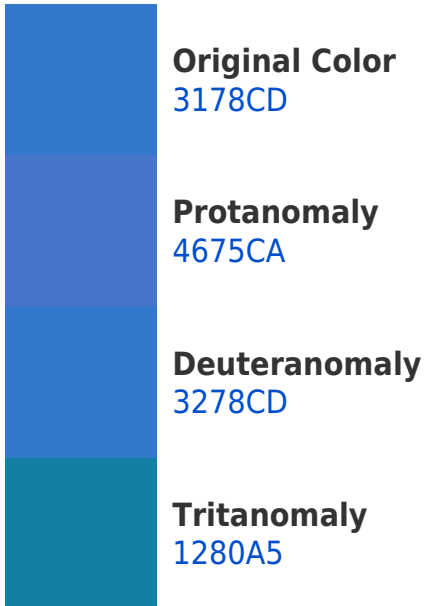
Dichromacy



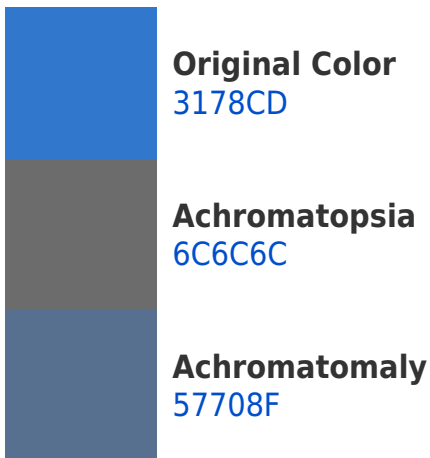


Tritanopia
00848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3178CD is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #3178CD looks like.

```
.text, #text, p{  
    color:#3178CD  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #3178CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3178CD
}
```

Border

The CSS property to change the border of an element to Hex 3178CD is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3178CD }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#3178CD }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #3178CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3178CD; -webkit-box-shadow:4px 4px  
4px 4px #3178CD; box-shadow:4px 4px 4px  
4px #3178CD }
```

Background

The CSS property to change the background color of an element to Hex 3178CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3178CD }
```

If only the background color should be changed can be used:

```
.background{ background-color:#3178CD }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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